

Name: _____

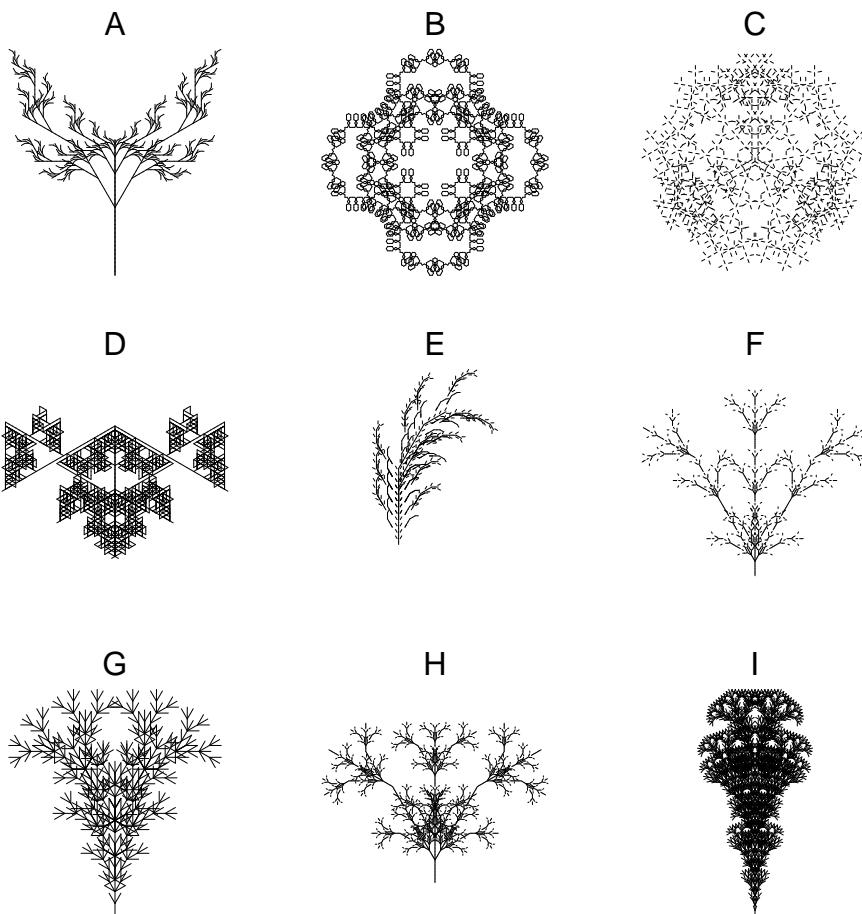
ET_1021 version 6

Consider the *L*-system (and angle) defined below:

- Start: [A]+++[A]+++[A]
- Rules:
 - A > A[---XB] [-XB] [+XB] [+++XB]
 - B > XB[++XA] [--XA] XA
 - X > XX
- Number of recursions (number of iterations): 4
- Angle: 40°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

Consider the *L*-system (and angle) defined below:

- Start: A

- Rules:

$$A > X[-B+BB+BB+BB+BB+BB+B]$$

$$X > XX$$

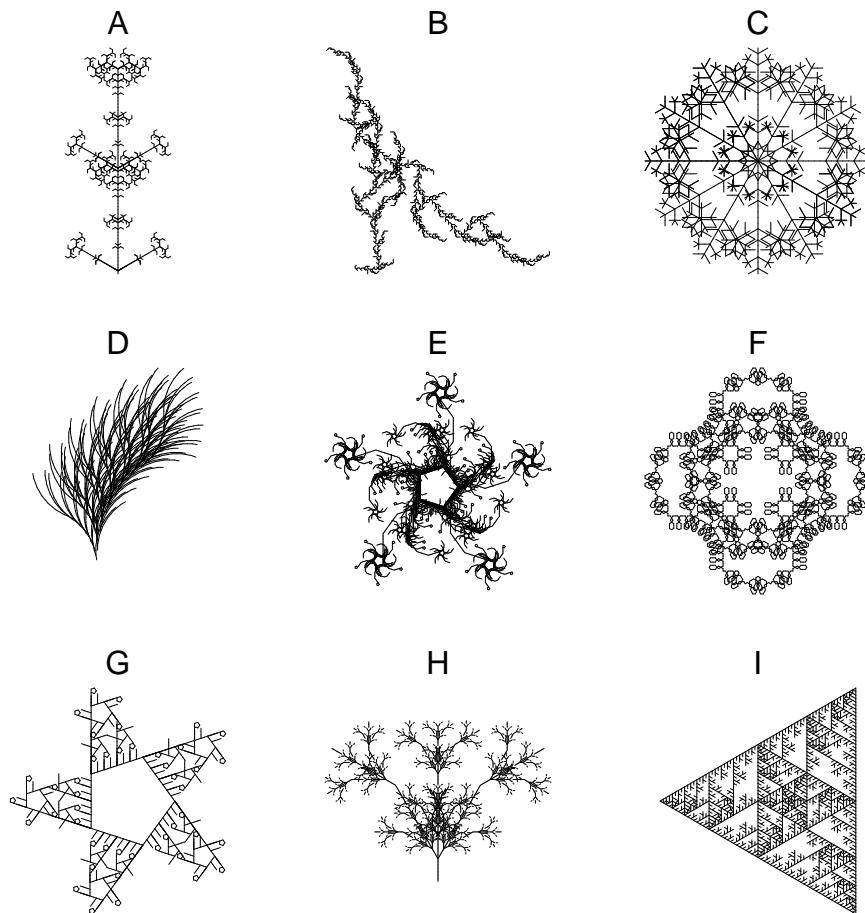
$$B > X[+A-AA-AA-AA-AA-AA-A]$$

- Number of recursions (number of iterations): 3

- Angle: 10°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?